#### **DRAFT**

#### PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

**ENERGY DIVISION** 

Item 18 AGENDA ID #14372 RESOLUTION E-4742 (Rev. 2) November 5, 2015

# REDACTED RESOLUTION

Resolution E-4742. Grants Southern California Edison Company (SCE) request for approval of a renewables portfolio standard (RPS) eligible power purchase agreement with RE Garland LLC.

#### PROPOSED OUTCOME:

 This Resolution approves cost recovery for the long-term renewable energy power purchase agreement between SCE and

RE Garland LLC. The RE Garland Project is located in Kern County, California near the city of Rosamond, California and developed by Recurrent Energy, LLC. The RE Garland Project will interconnect with the California Independent System Operator-controlled grid at Whirlwind Substation. The power purchase agreement is approved without modification.

#### **SAFETY CONSIDERATIONS:**

 The power purchase agreement requires the seller of the generation to comply with all safety provisions as specified in SCE's

2014 Pro Forma power purchase agreement.

#### **ESTIMATED COST:**

 Actual costs of the power purchase agreement are confidential at this time.

By Advice Letter 3273-E, filed on September 21, 2015.

# **SUMMARY**

Southern California Edison Company's (SCE) renewable energy power purchase agreement (PPA) with RE Garland LLC (RE Garland) complies with the Renewables Portfolio Standard (RPS) procurement guidelines and is approved without modification.

SCE filed Advice Letter 3273-E (RE Garland AL) on September 21, 2015, requesting California Public Utilities Commission (Commission) review and approval of a 15-year renewable energy PPA with RE Garland LLC (RE Garland PPA). The PPA resulted from SCE's 2014 RPS solicitation (2014 RPS RFO) and was executed in July 2015. Pursuant to the PPA, RPS-eligible generation will be purchased from the proposed

RE Garland facility. The RE Garland facility is located in Kern County, California (CA) near the city of Rosamond, CA and has a capacity of approximately 187 megawatts (MW). The RE Garland Project is developed by Recurrent Energy, LLC (Recurrent) and will interconnect within the California Independent System Operator (CAISO)-controlled grid at Whirlwind Substation.

This Resolution approves the RE Garland PPA. SCE's execution of this PPA is consistent with SCE's 2014 RPS Procurement Plan (RPS Plan), which the Commission approved in Decision (D.) 14-11-042. In addition, RPS deliveries pursuant to the

RE Garland PPA are reasonably priced and the related costs to SCE are fully recoverable in rates over the life of the RE Garland PPA, subject to Commission review of SCE's administration of the PPA.

The following table provides a summary of the RE Garland PPA:

Table 1: Summary of RE Garland PPA

Seller	Generation Type	Size (MW)	Estimated Average Energy (GWh/Yr)	Forecasted Commercial Operation Date	Term of Agreement (Years)	Location
RE Garland LLC	Solar photovoltaic ("PV")	187	555	April 1, 2017	15	Kern County, CA

## **BACKGROUND**

## Overview of the Renewables Portfolio Standard (RPS) Program

The California RPS program was established by Senate Bill (SB) 1078, and has been subsequently modified by SB 107, SB 1036, and SB 2 (1X). The RPS program is codified in Public Utilities Code (Pub. Util. Code) Sections 399.11, *et seq.* Under

SB 2 (1X), the RPS program administered by the Commission requires each retail seller to procure eligible renewable energy resources so that the amount of electricity generated from eligible renewable resources is an amount that equals an average of 20 percent of the total electricity sold to retail customers in California for compliance period

2011-2013; 25 percent of retail sales by December 31, 2016; and 33 percent of retail sales by December 31, 2020.<sup>3</sup>

Additional background information about the Commission's RPS Program, including links to relevant laws and Commission decisions, is available at <a href="http://www.cpuc.ca.gov/PUC/energy/Renewables/overview.htm">http://www.cpuc.ca.gov/PUC/energy/Renewables/overview.htm</a> and <a href="http://www.cpuc.ca.gov/PUC/energy/Renewables/decisions.htm">http://www.cpuc.ca.gov/PUC/energy/Renewables/decisions.htm</a>.

# **NOTICE**

Notice of the RE Garland AL was made by publication in the Commission's Daily Calendar on September 23, 2015. SCE states that a copy of the RE Garland AL was mailed and distributed to the R.15-02-020 service list and GO 96-B service lists in accordance with Section 4 of General Order 96-B.

<sup>&</sup>lt;sup>1</sup> SB 1078 (Sher, Chapter 516, Statutes of 2002); SB 107 (Simitian, Chapter 464, Statutes of 2006); SB 1036 (Perata, Chapter 685, Statutes of 2007); SB 2 (1X) (Simitian, Chapter 1, Statutes of 2011, First Extraordinary Session).

<sup>&</sup>lt;sup>2</sup> All further statutory references are to the Pub. Util. Code unless otherwise specified.

<sup>&</sup>lt;sup>3</sup> D.11-12-020 established a methodology to calculate procurement requirement quantities for the three different compliance periods covered in SB 2 (1X) (2011-2013, 2014-2016, and 2017-2020).

# **PROTEST**

The RE Garland AL was not protested.

## **DISCUSSION**

# SCE requests approval of a renewable energy power purchase agreement with RE Garland

On September 21, 2015, SCE filed the RE Garland AL requesting Commission approval of a long-term RPS eligible PPA. The proposed solar photovoltaic (PV) project is located in Kern County, CA near the city of Rosamond, CA. The RE Garland Project is wholly owned and developed by Recurrent and will interconnect within the CAISO-controlled grid at Whirlwind Substation. Pursuant to the RE Garland PPA, SCE is to begin purchasing generation from RE Garland beginning April 1, 2017. The expected annual generation to be purchased from the project is 555 Gigawatt-hours (GWh). This generation could count towards SCE's RPS requirements in Compliance Period 2017-2020.

#### SCE requests that the Commission issue a resolution that:

- 1. Approves the RE Garland PPA in its entirety;
- 2. Finds that the RE Garland PPA is consistent with SCE's 2014 RPS Procurement Plan;
- 3. Finds that the RE Garland PPA is compliant with the Emissions Performance Standard;
- 4. Finds that any procurement pursuant to the RE Garland PPA is procurement from an eligible renewable energy resource for purposes of determining SCE's compliance with any obligation that it may have to procure eligible renewable energy resources pursuant to the California Renewables Portfolio Standard (Pub. Util. Code Sections 399.11 *et seq.*), Decision 03-06-071, or other applicable law; and,
- 5. Finds that the RE Garland PPA, and SCE's entry into it, is reasonable and prudent for all purposes, including, but not limited to, recovery in rates of payments made pursuant to the RE Garland PPA, subject only to further review with respect to the reasonableness of SCE's administration of the RE Garland PPA.

# Energy Division Evaluated the RE Garland PPA based on the following criteria:

- Consistency with the RPS policies and requirements:
  - o SCE's 2014 RPS Procurement Plan and RPS Procurement Need
  - SCE's least-cost and best-fit methodology (LCBF)
  - RPS Standard Terms and Conditions
  - o Portfolio Content Categories Requirements
  - o The Long-Term Contracting Requirement
  - o Independent Evaluator review requirements
  - o Procurement Review Group Requirements
- Net Market Value and Cost Reasonableness
- Compliance with the Interim Greenhouse Gas Emissions Performance Standard
- PPA Viability Assessment and Project Development Status

# Consistency with SCE's 2014 RPS Procurement Plan

In its 2014 RPS Procurement Plan (2014 RPS Plan) SCE provided an assessment of supply and demand to determine the optimal mix of renewable generation resources, description of potential RPS compliance delays, status update of projects within its

RPS portfolio, and an assessment of project failure and delay risk within its RPS portfolio.<sup>4</sup> Specifically, SCE explained that its assessment for determining need is based on bundled retail sales, performance and variability of existing generation, likelihood of new generation achieving commercial operation, expected commercial

on-line dates, technology mix, expected curtailment, and the impact of preapproved procurement programs, among other factors. Based on that assessment, SCE stated that it had a RPS procurement need beginning in Compliance Period 2017-2020.

<sup>4</sup> Section	399.13(a)(5).
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SCE stated its intention to procure additional RPS-eligible resources in order to satisfy its RPS requirements. Specifically, it called for the issuance of a competitive solicitation for the purchase of RPS-eligible energy with deliveries beginning on or after

January 1, 2016. In addition, SCE sought offers that would qualify as Portfolio Content Category 1 or 3 and be for at least 10 years in length.

Based on SCE's RPS portfolio needs described in its 2014 RPS Plan, the RE Garland PPA is consistent with SCE's 2014 RPS Plan. The RE Garland PPA is for generation from a proposed renewable energy resource<sup>5</sup> with deliveries to begin on April 1, 2017 and continuing for 15 years, such that deliveries would begin during Compliance Period 2017-2020. See Confidential Appendix A for details on SCE's forecasted RPS procurement needs and SCE claims the project is Category 1.

The RE Garland PPA is consistent with SCE's 2014 RPS Procurement Plan, approved by D.14-11-042.

## Consistency with SCE's Least-Cost and Best-fit (LCBF) Methodology

In D.04-07-029 and D.12-11-016, the Commission directs the utilities to use certain criteria in their LCBF selection of renewable resources.<sup>6</sup> The decisions provide guidance regarding the process by which the utility ranks bids in order to select or "shortlist" the bids with which it will commence negotiations.

As described in its 2014 RPS Plan,<sup>7</sup> SCE's LCBF bid evaluation includes a quantitative analysis and qualitative criteria. SCE's quantitative analysis is based on market valuation that calculates the net market value of a bid,<sup>8</sup> which is the net of a project's levelized benefits and costs.<sup>9</sup> Project costs include contract

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<sup>&</sup>lt;sup>5</sup> Assuming the RE Garland Project receives the California Energy Commission certification as an eligible renewable resource.

<sup>&</sup>lt;sup>6</sup> Section 399.13(a)(4)(A).

<sup>&</sup>lt;sup>7</sup> Public Appendix 1.1 at 2, 3, & 11.

<sup>&</sup>lt;sup>8</sup> Unlike the other two utilities, SCE uses a different term, "Renewable Premium" for net market value.

<sup>&</sup>lt;sup>9</sup> Present value expressed in terms of dollars per megawatt-hour (\$/MWh).

payments, transmission, congestion, integration, and debt equivalence costs. Project benefits include energy and capacity value and congestion benefits. SCE ranks all conforming bids and creates a preliminary shortlist based on the net market value results.

In addition to the quantitative ranking of bids, SCE evaluates the qualitative attributes of the top proposals with a competitive net market value. SCE assesses factors such as location, project viability, portfolio fit, resource diversity, counterparty concentration, and other attributes to eliminate or add projects to the final shortlist.

In the RE Garland AL SCE explains that the PPA is the result of SCE's 2014 RPS solicitation and that it evaluated and shortlisted the PPA bids consistent with its 2014 LCBF methodology.<sup>10</sup>

See the "Net Market Value and Cost Reasonableness" section of this Resolution for a discussion of how the PPA compares to other offers from SCE's 2014 RPS solicitation and comparable RPS contracts executed by SCE in the 12 months prior to PPA executions.

The RE Garland PPA was evaluated consistent with the LCBF methodology described in SCE's 2014 RPS Procurement Plan.

#### Net Market Value and Cost Reasonableness

The Commission's reasonableness review for RPS PPAs includes a comparison of the proposed PPA's net market value and price relative to other RPS offers received in recent RPS solicitations. Additionally, the Commission compares the PPA's net market value to comparable contracts executed by the utility in the 12 months prior to the proposed PPA's execution date. Using this methodology and the confidential analysis provided by SCE in the RE Garland AL, the Commission finds that the net market value of the

RE Garland PPA is competitive to other RPS offers received by SCE and that the costs of the RE Garland PPA are reasonable. See Confidential Appendix A for a detailed discussion of the analysis.

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<sup>&</sup>lt;sup>10</sup> SCE's 2014 RPS solicitation protocols, including its LCBF methodology, as described above, was approved by the Commission in D.14-11-042.

The RE Garland PPA compares reasonably from a net market value and cost basis relative to RPS offers received in SCE's 2014 RPS solicitation and comparable contracts executed by SCE in the 12 months prior to executing the RE Garland PPA.

Payments made by SCE under the RE Garland PPA are fully recoverable in rates over the life of the PPA, subject to Commission review of SCE's administration of the PPA and any other conditions contained herein or required by law.

# Consistency with RPS Standard Terms and Conditions (STCs)

The Commission adopted a set of standard terms and conditions (STCs) required in

RPS contracts, five of which are considered "non-modifiable." The STCs were compiled in D.08-04-009 and subsequently amended in D.08-08-028. More recently, the Commission further refined some of the STCs in D.10-03-021, as modified by

D.11-01-025, D.13-11-024, and D.14-11-042.

The RE Garland PPA includes the Commission adopted RPS "non-modifiable" standard terms and conditions, as set forth in D.08-04-009, D.08-08-028, D.10-03-021, as modified by D.11-01-025, D.13-11-024, and D.14-11-042.

# **Consistency with Portfolio Content Categories**

In D.11-12-052, the Commission defined and implemented portfolio content categories for the RPS program and authorized the Director the Energy Division to require the investor-owned utilities to provide information regarding the proposed contract's portfolio content category classification in each advice letter seeking Commission-approval of an RPS contract. The purpose of the information is to allow the Commission to evaluate the claimed portfolio content category of the proposed RPS PPA and the risks and value to ratepayers if the proposed PPA ultimately results in renewable energy credits in another, less preferred, portfolio content category.

SCE claims in the RE Garland AL that the procurement pursuant to the PPA will be classified as Portfolio Content Category 1. To support its claim, SCE asserts that the

RE Garland facility is located in Kern County, CA, an RPS-eligible resource that

expects to have its first point of interconnection within the CAISO, a California balancing area. Pursuant to the RE Garland PPA, the RECs associated with the electricity from

RE Garland will be delivered to SCE and not unbundled or transferred to another owner.

Consistent with D.11-12-052, SCE provided information in the RE Garland AL regarding the expected portfolio content category classification of the renewable energy credits procured pursuant to the RE Garland PPA.

In this Resolution, the Commission makes no determination regarding the RE Garland PPA's portfolio content category classification. The RPS contract evaluation process is separate from the RPS compliance and portfolio content category classification process, which require consideration of several factors based on various showings in a compliance filing. Thus, making a portfolio content category classification determination in this Resolution regarding the procurement considered herein is not appropriate. SCE should incorporate the procurement resulting from the approved RE Garland PPA and all applicable supporting documentation to demonstrate portfolio content category classification in the appropriate compliance showing consistent with all applicable

RPS program rules.

# **Consistency with Long-Term Contracting Requirement**

In D.12-06-038, the Commission established a long-term contracting requirement that must be met in order for retail sellers to count RPS procurement from contracts less than 10 years in duration for compliance with the RPS program. <sup>11</sup> In order for the procurement from any short-term contract(s) signed after June 1, 2010, to count for

RPS compliance, the retail seller must execute long-term contract(s) in the same compliance period in which the short-term contract(s) is signed. The volume of expected generation in the long-term contract(s) must be sufficient to cover the

<sup>11</sup> For the purposes of the long-term contracting requirement, contracts of less than 10 years duration are considered "short-term" contracts. (D.12-06-038.)

volume of generation from the short-term contract(s).12

The RE Garland PPA is for a 15-year term and was executed during Compliance Period 2014-2016.

Because the RE Garland PPA is greater than 10 years in length, the long-term contracting requirement does not apply to SCE's procurement via the RE Garland PPA, and the

RE Garland PPA will contribute to SCE's long-term contacting requirement established in D.12-06-038 for Compliance Period 2014-2016.

#### **Independent Evaluator Review**

SCE retained Merrimack Energy Group, Inc. as the independent evaluator ("IE") to oversee its 2014 RPS solicitation. In addition, Merrimack oversaw the negotiations with RE Garland and evaluated the overall merits of the RE Garland PPA. The RE Garland AL included a public and confidential version of the IE's report.

The IE states in its report that the RE Garland PPA was reasonably negotiated with contract terms that when taken as a whole appropriately protect the interests of SCE's ratepayers. The IE also concludes that the project is mature in terms of project development status. Overall, the IE states that he agrees with SCE that the RE Garland PPA merits Commission approval. See Confidential Appendix B for an excerpt from the IE Report on the RE Garland PPA.

Consistent with D.06-05-039, an independent evaluator oversaw SCE's 2014 RPS solicitation and negotiations with RE Garland.

# Procurement Review Group (PRG) Participation Requirement

<sup>&</sup>lt;sup>12</sup> Pursuant to D.12-06-038, the methodology setting the long-term contracting requirement is: 0.25% of Total Retail Sales in 2010 for the first compliance period; 0.25% of Total Retail Sales in 2011-2013 for the second compliance period; and 0.25% of Total Retail Sales in 2014-2016 for the third compliance period.

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The PRG was initially established in D.02-08-071 to review and assess the details of the IOU's overall procurement strategy, solicitations, specific proposed procurement contracts and other procurement processes prior to submitting filings to the Commission as a mechanism for procurement review by non-market participants.

SCE consulted with its PRG during each milestone of the 2014 RPS solicitation, informing the participants of the initial bid results and the shortlist of bids. SCE also briefed the PRG participants on the proposed execution of the RE Garland PPA at the July 1, 2015, PRG meeting.

SCE's PRG participants included representatives from Energy Division (ED), the Office of Ratepayer Advocates (ORA), Department of Water Resources, The Utility Reform Network (TURN), Sierra Club, and the California Utility Employees (CUE). Representatives from ED, ORA, TURN, CUE, and IE attended the July 1, 2015, PRG meeting.

Consistent with D.02-08-071, SCE's Procurement Review Group participated in the review of the RE Garland PPA.

# Compliance with the Interim Greenhouse Gas Emissions Performance Standard (EPS)

Pub. Util. Code Sections 8340 and 8341 require that the Commission consider emissions costs associated with new long-term (five years or greater) baseload power contracts procured on behalf of California ratepayers.<sup>13</sup>

D.07-01-039 adopted an interim EPS that establishes an emission rate for obligated facilities at levels no greater than the greenhouse gas emissions of a combined-cycle gas turbine power plant. Generating facilities using certain renewable resources are deemed compliant with the EPS.<sup>14</sup>

<sup>&</sup>lt;sup>13</sup> "Baseload generation" is electricity generation at a power plant "designed and intended to provide electricity at an annualized plant capacity factor of at least 60%." Pub. Util. Code Section 8340 (a).

<sup>&</sup>lt;sup>14</sup> D.07-01-039, Attachment 7, p. 4.

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The RE Garland PPA is not covered procurement subject to the EPS because the generating facility has a forecast annualized capacity factor of less than 60 percent and therefore is not baseload generation under paragraphs 1(a)(ii) and 3(2)(a) of the Adopted Interim EPS Rules.

# PPA Viability and Project Development Status

# **Developer Experience:**

The RE Garland solar PV facility is developed by Recurrent, which has successfully developed a number of power plants throughout the United States. SCE states that Recurrent employs an experienced, mature team of professionals with decades of experience in the solar and energy industry.<sup>15</sup>

# Technology and Quality of Resource:16

The RE Garland project will use solar PV panels that have been technically proven on utility-scale generation projects. Additionally, given the project's location and associated resource quality, SCE believes that RE Garland will be able to meet the terms of the PPA.

## Site Control and Permitting Status:

The RE Garland Project is located in Kern County, CA. It has site control for the entire site. Additional information regarding site control and permitting status is included in Confidential Appendix A.

## **Interconnection Status:**

The RE Garland facility will share existing interconnection facilities with its affiliate,

RE Garland A, which has a CAISO Large Generation Interconnection Agreement (LGIA) executed on May 15, 2015.

Based on the terms and conditions of the PPA and the level of project development, it is reasonable to expect that RE Garland will meet the terms and conditions of its PPA.

<sup>16</sup> RE Garland AL at 19-20.

<sup>&</sup>lt;sup>15</sup> RE Garland AL at 17.

#### **Safety Considerations**

Pub. Util. Code Section 451 requires that every public utility maintain adequate, efficient, just, and reasonable service, instrumentalities, equipment and facilities to ensure the safety, health, and comfort of the public.

SCE's 2014 *Pro Forma* PPA includes safety provisions, which require the seller to operate the generating facility in accordance with the Prudent Electrical Practices as defined in the *Pro Forma* PPA. Further, these provisions specifically require that all sellers take a list of reasonable steps to ensure that the generation facility is operated and maintained in a safe manner. It also includes a provision that requires a report from an independent engineer certifying that the seller has a written plan for the safe construction and operation of the generating facility in accordance with the Prudent Electrical Practices. The seller must also provide the report to SCE prior to the commencement of any construction activities on the project site. The RE Garland PPA includes all of these provisions. Based on the information before us, the RE Garland Project does not appear to result in any adverse safety impacts on facilities or operations of SCE.

## **RPS Eligibility and CPUC Approval**

Pursuant to Pub. Util. Code Section 399.13, the CEC certifies eligible renewable energy resources. Generation from a resource that is not CEC-certified cannot be used to meet RPS requirements. To ensure that only CEC-certified energy is procured under a Commission-approved RPS contract, the Commission has required standard and

non-modifiable "eligibility" language in all RPS contracts. That language requires a seller to warrant that the project qualifies and is certified by the CEC as an "Eligible Renewable Energy Resource," that the project's output delivered to the buyer qualifies under the requirements of the RPS, and that the seller uses commercially reasonable efforts to maintain eligibility should there be a change in law affecting eligibility.<sup>17</sup>

The Commission requires a standard and non-modifiable clause in all RPS contracts that requires "CPUC Approval" of a PPA to include an explicit finding that "any procurement pursuant to this Agreement is procurement from an

<sup>17</sup> See, e.g. D. 08-04-009 at Appendix A, STC 6, Eligibility.

eligible renewable energy resource for purposes of determining Buyer's compliance with any obligation that it may have to procure eligible renewable energy resources pursuant to the California Renewables Portfolio Standard (*Pub. Util. Code Section 399.11 et seq.*), D.11-12-020 and D.11-12-052, or other applicable law."18

Notwithstanding this language, given that the Commission has no jurisdiction to determine whether a project is an "Eligible Renewable Energy Resource" for RPS purposes, this finding and the effectiveness of the non-modifiable "eligibility" language is contingent on CEC's certification of the RE Garland project as an "Eligible Renewable Energy Resource." The contract language that procurement pursuant to the RE Garland PPA "is procurement from an eligible renewable energy resource" must be a true statement at the time of the first delivery of energy, not at the signing of the PPA or at the issuance of this Resolution.

While we include the required finding here, this finding has never been intended, and shall not be read now, to allow the generation from a non-RPS-eligible resource to count towards an RPS compliance obligation absent CEC certification. Nor shall such finding absolve the seller of its obligation to obtain CEC certification, or the utility of its obligation to pursue remedies for breach of contract. Such contract enforcement activities shall be reviewed pursuant to the Commission's authority to review the utilities' administration of such contracts.

#### **Confidential Information**

The Commission, in implementing Pub. Util. Code Section 454.5(g), has determined in D.06-06-066, as modified by D.07-05-032, that certain material submitted to the Commission as confidential should be kept confidential to ensure that market sensitive data does not influence the behavior of bidders in future RPS solicitations. D.06-06-066 adopted a time limit on the confidentiality of specific terms in RPS contracts. Such information, including price, is confidential for three years from the date the contract states that energy deliveries begin, or until one year following contract expiration, except contracts between IOUs and their affiliates, which are public.

<sup>18</sup> See, e.g. D. 08-04-009 at Appendix A, STC 1, CPUC Approval.

The confidential appendices, marked "[REDACTED]" in the public copy of this Resolution, as well as the confidential portions of the RE Garland AL, remain confidential at this time.

#### **COMMENTS**

The RE Garland AL is an uncontested matter in which this Resolution grants the relief requested. Accordingly, pursuant to Pub. Util. Code 311(g)(2), the otherwise applicable 30-day period for public review and comment was waived. This Resolution was placed on the Commission's Meeting Agenda directly for prompt action.

# **FINDINGS**

- 1. The RE Garland LLC power purchase agreement is consistent with SCE's 2014 Renewables Portfolio Standard Procurement Plan, as approved by Decision (D.)14-11-042.
- 2. The RE Garland LLC power purchase agreement was evaluated consistent with the least-cost and best-fit methodology described in SCE's 2014 RPS Procurement Plan.
- 3. The RE Garland LLC power purchase agreement compares reasonably from a net market value and cost basis relative to RPS offers received in SCE's 2014 RPS solicitation and contracts executed in the last 12 months.
- 4. The RE Garland LLC power purchase agreement includes the Commission-adopted Renewables Portfolio Standard "non-modifiable" standard terms and conditions, as set forth in D.08-04-009, D.08-08-028, D.10-03-021, as modified by D.11-01-025, D.13-11-024, and D.14-11-042.
- 5. Consistent with D.11-12-052, SCE provided information in Advice Letter 3273-E regarding the expected portfolio content category classification of the renewable energy credits to be procured pursuant to the RE Garland LLC power purchase agreement.
- 6. Because the RE Garland LLC power purchase agreement is longer than 10 years, the long-term contracting requirement does not apply to SCE's procurement via the RE Garland LLC power purchase agreement, and the RE Garland LLC power purchase agreement will contribute to SCE's long-term contacting

- requirement established in D.12-06-038 for the 2nd Compliance Period 2014-2016.
- 7. Consistent with D.06-05-039, an independent evaluator oversaw SCE's 2014 Renewables Portfolio Standard procurement solicitation and SCE's negotiations for the RE Garland LLC power purpose agreement.
- 8. Consistent with D.02-08-071, SCE's Procurement Review Group participated in the review of the RE Garland LLC power purchase agreement.
- 9. The RE Garland LLC power purchase agreement is not covered procurement subject to the Emissions Performance Standard because the generating facility has a forecast annualized capacity factor of less than 60 percent and therefore is not baseload generation under paragraphs 1(a)(ii) and 3(2)(a) of the Adopted Interim Emissions Performance Standard Rules.
- 10. The RE Garland LLC Project is developed by Recurrent Energy, LLC. The RE Garland LLC Project will interconnect with the California Independent System Operator-controlled grid in Kern County, California near the city of Rosamond, California.
- 11. It is reasonable to expect that the RE Garland LLC Project will be able to meet the terms and conditions in the RE Garland LLC power purchase agreement.
- 12. Advice Letter 3273-E was not protested.
- 13. Procurement pursuant to the RE Garland LLC power purchase agreement must be procurement from an eligible renewable energy resource certified by the CEC for purposes of determining SCE's compliance with any obligation that it may have to procure eligible renewable energy resources pursuant to the California Renewables Portfolio Standard (Public Utilities Code Sections 399.11, et seq.), D.03-06-071 and D.06-10-050, or other applicable law on or before the first delivery of energy.
- 14. Payments made by SCE pursuant to the RE Garland LLC power purchase agreement are fully recoverable in rates over the life of the power purchase agreement, subject to Commission review of SCE's administration of the power purchase agreement and any other applicable Commission review.
- 15. The confidential appendices, marked "[REDACTED]" in the public copy of this Resolution, as well as the confidential portions of Advice Letter 3273-E, remain confidential at this time.
- 16. Advice Letter 3273-E should be approved and effective today.

# **THEREFORE IT IS ORDERED THAT:**

1. The request of the Southern California Edison Company for review and approval of a power purchase agreement with RE Garland LLC as requested in Advice Letter

AL 3273-E is approved without modification.

This Resolution is effective today.

I certify that the foregoing resolution was duly introduced, passed and adopted at a conference of the Public Utilities Commission of the State of California held on November 5, 2015; the following Commissioners voting favorably thereon:

TIMOTHY J. SULLIVAN Executive Director

# Confidential Appendix A

Evaluation Summary of the RE Garland LLC (RE Garland) Power Purchase Agreement (PPA)

# [Redacted]

# **Confidential Appendix B**

Excerpt from the Independent Evaluator Report on the RE Garland PPA<sup>19</sup>

# [Redacted]

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<sup>&</sup>lt;sup>19</sup> Excerpt from: Report of the Independent Evaluator Final Selection Process and Review of the Power Purchase Agreement with RE Garland LLC, Merrimack Energy Group, Inc. and

New Energy Opportunities in July 2015, as submitted with the RE Garland AL, Confidential Appendix C.